



# UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/491,585	01/25/2000	Takuya Noguchi	49543(904)	8721

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EXAMINER

QI, ZHI QIANG

ART UNIT

PAPER NUMBER

2871

DATE MAILED: 08/15/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Interview Summary

Application N .

09/491,585

Applicant(s)

NOGUCHI ET AL. *CV*

Examiner

Mike Qi

Art Unit

2871

All participants (applicant, applicant's representative, PTO personnel):

(1) Mike Qi.

(3) \_\_\_\_\_.

(2) Mr. George Hartnell.

(4) \_\_\_\_\_.

Date of Interview: 31 July 2003.

Type: a) ☒ Telephonic b) ☐ Video Conference

c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.

If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: 1,2 and 12.

Identification of prior art discussed: US 5,537,235 (Ishihara et al), US 4,526,818 (Hoshikawa et al).

Agreement with respect to the claims f) ☐ was reached. g) ☐ was not reached. h) ☒ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: The prior art teaches the coefficient of thermal expansion of a liquid crystal is larger by one digit than a sealing material (the end of a display area), and according to the thermal expansion principle, those skilled in the art would know to use a contrary compensation for the thermal expansion effect to form the cell gap gradually increase from center to the end area at room temperature in order to keep uniform cell gap at high temperature.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

*Mike Qi*

Examiner's signature, if required